

CONFIRMATION AIR SAMPLING FOR AMARILLO PHOSPHINE INCIDENT							
Summary Table							
As of April 10, 2016							
Location	Sample ID	Sample Type	Sample Date	Analyte	Lab Reporting Limit (ppm)	Result (ppm)	Data Qualifier
Bedroom 1	PH3-BR1-28012017-81	Field Sample	1/28/2017	Phosphine	0.016	0.019	JH
Bedroom 2	PH3-BR2-28012017-81	Field Sample	1/28/2017	Phosphine	0.016	0.019	JH
Bedroom 3	PH3-BR3-28012017-81	Field Sample	1/28/2017	Phosphine	0.016	<0.016	ND
Bathroom 1	PH3-BTH1-28012017-81	Field Sample	1/28/2017	Phosphine	0.016	0.018	JH
Bathroom 1	PH3-BTH1-28012017-82	Field Duplicate	1/28/2017	Phosphine	0.016	0.021	JH
Bathroom 2	PH3-BTH2-28012017-81	Field Sample	1/28/2017	Phosphine	0.016	<0.016	ND
* Blank	PH3-FB-28012017-85	Field Blank	1/28/2017	Phosphine			
HVAC	PH3-HVAC-28012017-81	Field Sample	1/28/2017	Phosphine	0.016	0.024	JH
Kitchen	PH3-KTCH-28012017-81	Field Duplicate	1/28/2017	Phosphine	0.016	0.017	JH
Laundry	PH3-LAUN-28012017-81	Field Sample	1/28/2017	Phosphine	0.016	0.021	JH
Living Room	PH3-LR-28012017-81	Field Sample	1/28/2017	Phosphine	0.016	0.017	JH

Notes:

ppm = parts per million

**NA = Not Applicable (use or not?)**

ND = Non detect, below laboratory Reporting Limit (RL)

The laboratory Reporting Limit (RL) was 5.5 µg phosphorus/sample, which is converted to 0.016 ppm when accounting for the volume of air in the sample (240 L).

JH = The result is an estimated quantity, but the result may be biased high.

Laboratory Blank(s):

Phosphorus (6.15 µg/sample) was detected above the laboratory Reporting Limit (RL) in the laboratory media blank (LMB). Therefore, detected phosphine results in all samples are qualified as estimated (JH-biased high). Cannot convert to ppm as no air volume was collected per Method 1003.

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\* Field Blank(s):

Field blank sample, PH3-FB-28012017-85, had a detection for phosphine (6.6 µg/sample). **No qualifications are placed on the data since results were already qualified due to LMB action noted above.** Cannot convert to ppm as no air volume was collected per Method 1003.

The lab was unable to achieve the detection limit of 0.00935 ppm specified in the OSHA Method 1003